SPARE CHILLER TO ISL CHILLER

If the ISL chiller goes down, and you want to continue to run ISL with the spare chiller, follow these steps and see drawing below (note: valves will have RED tapes on their handles):

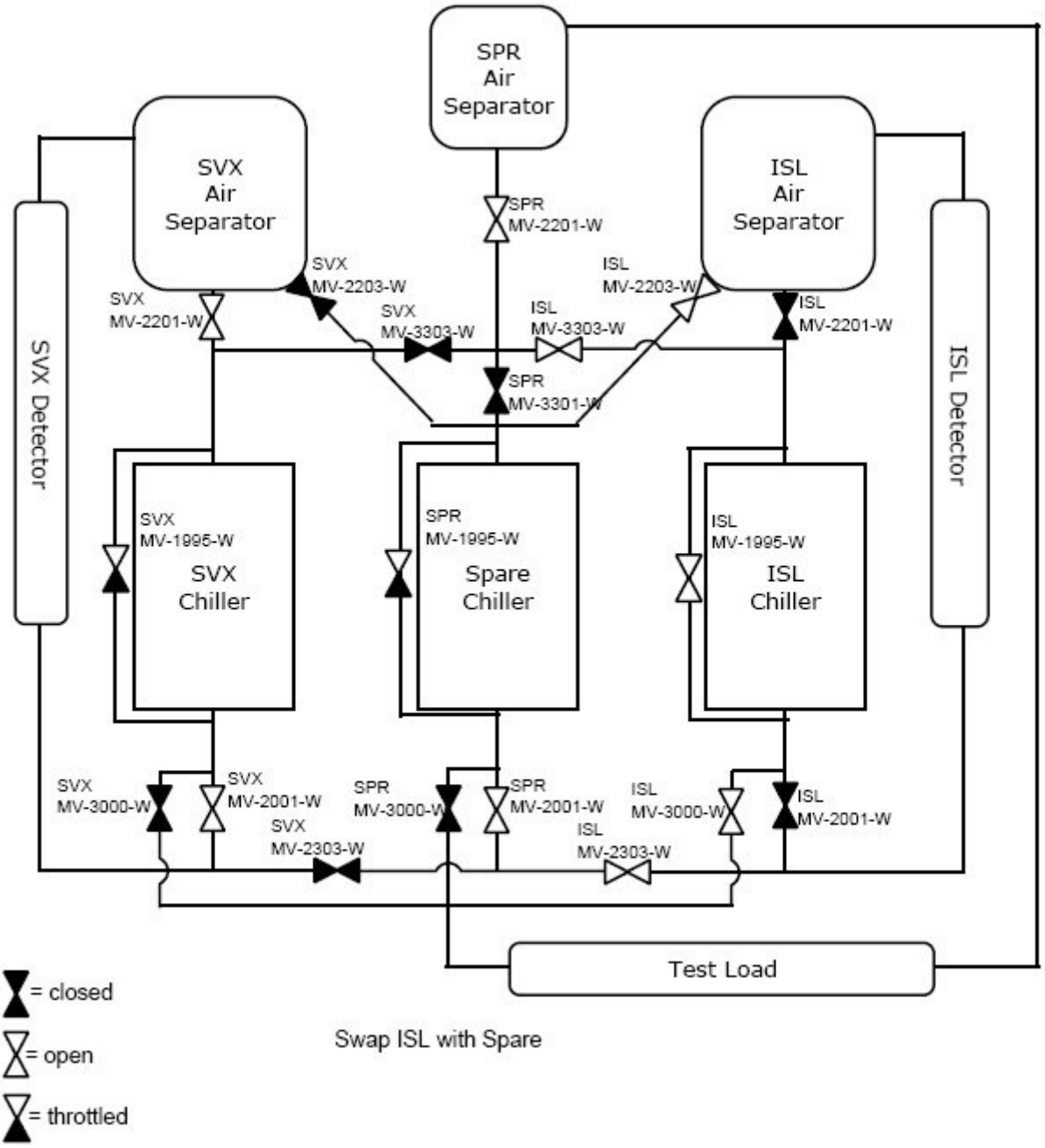
1. Preparation
___ Make sure the Silicon has been switched off (check with a Silicon expert)
___ Switch off the ISL chiller (if not already off)

2. Isolate the ISL chiller and equalize ISL chiller pressure
___ Close ISL MV 2201 W (ISL chiller suction/storage tank)
___ Close ISL MV 2001 W (ISL chiller discharge)
___ Close ISL MV 9003 W (ISL chiller chilled water supply)
___ Close ISL MV 9004 W (ISL chiller chilled water return)
___ Open ISL MV 1995 W (ISL chiller manual bypass)
___ Close SPR MV 3000 W (spare chiller load isolation)
___ Close SPR MV 3301 W (spare chiller storage tank isolation)

3. Connect spare chiller to the ISL circuit:
___ Open SPR MV 2301 W (spare chiller discharge)
___ Open ISL MV 2203 W (spare chiller on ISL storage tank)
___ Open ISL MV 2303 W (ISL/spare chiller discharge isolation)
___ Open SVX MV 9007 W (spare chiller chilled water supply)
___ Open SVX MV 9008 W (spare chiller chilled water return)

4. Start up spare chiller:
___ Disconnect grey control cable from ISL chiller controller box and connect to spare chiller controller box
___ Disconnect chiller return temperature readout cable from ISL chiller and connect to spare chiller (wall behind ISL chiller)
___ Start the chiller on the controller box, check that it runs on a remote set point (RSP) of –6ºC
___ Throttle SPR MV 1995 W (spare chiller manual bypass) to regulate discharge pressure to 27 psi (on pressure gauge SPR PI 1990 W)
___ Disconnect power cord of ISL chiller backup pump and connect power cord of spare chiller backup pump to outlet

Troubleshooting:
- Rule #1: follow the pipes!
- You can only start up a chiller locally if the “Loc./Rem.” switch on the controller box **should always be** in “Loc.”
- If the spare chiller does not start due to low flow, check if SPR MV 2000 W and SPR MV 2200 W on the spare chiller are open



Date/Time _____

Name _____

Signed _____